Abstract

The object of the present invention is to provide an immobilization support having an optimum support surface for immobilizing various types of materials having different properties with specificity, efficiency, and good reproducibility, and to provide a solid phase having improved characteristics by use of the above support. The immobilization support of the present invention is provided with an electrolyte thin film on the surface of the support. This immobilization support can be applied to the fabrication of a solid phase used in, for example, an antigen-antibody reaction, nucleic acid hybridization, a receptor assay, or a biosensor.